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anti-COCH antibody (C-Term)





Overview	
Quantity:	400 μL
Target:	COCH
Binding Specificity:	AA 492-520, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COCH antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	This COCH antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 492-520 amino acids from the C-terminal region of human COCH.
Clone:	RB20929
Isotype:	Ig Fraction
Predicted Reactivity:	В
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	COCH
Alternative Name:	COCH (COCH Products)

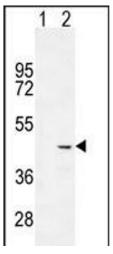
Target Details

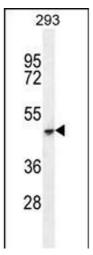
Background:	The protein encoded by this gene is highly conserved in human, mouse, and chicken, showing
	94 % and 79 % amino acid identity of human to mouse and chicken sequences, respectively.
	Hybridization to this gene was detected in spindle-shaped cells located along nerve fibers
	between the auditory ganglion and sensory epithelium. These cells accompany neurites at the
	habenula perforata, the opening through which neurites extend to innervate hair cells. This and
	the pattern of expression of this gene in chicken inner ear paralleled the histologic findings of
	acidophilic deposits, consistent with mucopolysaccharide ground substance, in temporal bones
	from DFNA9 (autosomal dominant nonsyndromic sensorineural deafness 9) patients.
	Mutations that cause DFNA9 have been reported in this gene. Alternative splicing results in
	multiple transcript variants encoding the same protein. Additional splice variants encoding
	distinct isoforms have been described but their biological validities have not been
	demonstrated. [provided by RefSeq].
Molecular Weight:	59483
Gene ID:	1690
NCBI Accession:	NP_001128530, NP_004077
UniProt:	O43405
Pathways:	Sensory Perception of Sound
Application Details	
Application Notes:	WB: 1:1000. WB: 1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small
	aliquots to prevent freeze-thaw cycles.

Expiry Date:

6 months

Images





Western Blotting

Image 1. Western blot analysis of COCH (arrow) using rabbit polyclonal COCH Antibody (C-term) (ABIN655279 and ABIN2844871). 293 cell lysates (2 μ g/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the COCH gene.

Western Blotting

Image 2. COCH Antibody (C-term) (ABIN655279 and ABIN2844871) western blot analysis in 293 cell line lysates (35 μ g/lane).This demonstrates the COCH antibody detected the COCH protein (arrow).